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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

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| Application Number | 09/901,751 |
| Filing Date | July 9, 2001 |
| First Named Inventor | HARMON, J.; et al. |
| Art Unit | 3662 |
| Examiner Name | PIHULIC, Daniel |
| Attorney Docket Number | Nept-BMS1 |

Total Number of Pages in This Submission

18

ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to a Technology Center (TC) |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | Substitute Declaration |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) _____ | Response to First Office Action |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <div>Remarks</div> <p>The attached papers respond to the First Office Action, mailing date: 11 June 2003.</p> <p>EK534159069US</p> <p>RECEIVED SEP 16 2003 GROUP 3600</p> | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|--------------------|---|
| Firm or Individual | George E. Darby Paradise Patent Services, Inc. Customer No. 25668 |
| Signature | |
| Date | 10 Sept 2003 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

10 Sept 2003

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| Typed or printed | George E. Darby |
| Signature | |
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|---|---|-----------------------------------|
| Applicants: HARMON, J.; et al. |) | Attorney Reference: Nept-BMS1 |
| |) | |
| Serial No.: 09/901,751 |) | Examiner: Daniel Pihulic |
| |) | |
| Filing Date: July 9, 2001 |) | Group Art Unit: 3662 |
| |) | |
| Title: Biomimetic Sonar System & Method |) | Exp. Mail Date In: Sept. 10, 2003 |
| |) | |
| |) | Exp. Mail No.: EK534159069US |

AMENDMENT AND RESPONSE

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

Applicants hereby respond to the First Office Action mailed June 11, 2003 ("Office Action"), regarding the above-referenced application ("Application"), and submit a substitute declaration, amended paragraphs of the specification, amended claims, and remarks. In view of the remarks and amendments, Applicants respectfully solicit an allowance of the previously rejected claims. This response is submitted within three (3) months of the mailing date of the Office Action.

Applicants request that the Application be amended as follows.

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